

ABSTRACT

- Two measures are provided in order to allow a serial bus system to be operated such that it is resistant to interference and defects, and such
- 5   that it operates with low power consumption. Firstly, each transmitted digital signal is interpreted as a logic zero or a logic one, respectively, when a first or a second predetermined current waveform, respectively, is applied to a bus line. Secondly, the bus system is operable in an energy saving mode, in which either no data transmissions at all are made, or in which
- 10   data transmissions are made only rarely, between the individual bus modules.